

Climate Resilience Specialist

The Agricultural Sciences Department, within the College of Agriculture, Forestry, and Life Sciences (CAFLS) at Clemson University, is seeking to fill a tenure-track Assistant Professor position in the area of Climate Resilience. This position is foundational to a state-wide, strategic water initiative. The position is a 12-month Research and Extension appointment and is located at the SC Water Resources Center ten minutes from main campus.

A changing climate will result in measurable impacts to the regional water cycle, likely affecting agricultural production and water availability in South Carolina on multiple spatial and temporal scales. The successful candidate will be expected to develop a nationally recognized, externally funded Research program on water and climate resilience. This specialist will help South Carolina's \$42B agriculture industry make informed short-term crop management decision, state water planners manage drought and flood scenarios, and the Clemson University community in identifying how weather events and climate change impact agriculture, natural resources, and management decisions. The individual will work within interdisciplinary teams and complement three recently hired Assistant Professors located at the SC Water Resources Center focused on water resources modeling, economics, policy, and sustainable water use.

The successful candidate will be an excellent communicator, providing science-based information to state agencies and local governments about climate impacts on water resources (e.g. changes in sea level, drought, ecosystem services, and other climate-related issues pertaining to agricultural, residential, and ecological water use). The individual will work closely with on- and off- campus Research and Extension personnel, external stakeholders, and state/regional/national government agencies. Upon request, a courtesy appointment with the College of Engineering, Computing and Applied Sciences is available to foster graduate student advising opportunities.

Clemson University is an R1 Land Grant university located on the shores of Lake Hartwell within view of the Blue Ridge Mountains in the Upper Piedmont of South Carolina, USA. The 1,400-acre campus is part of the 18,000 acres of University Farms and Forests devoted to teaching and research. Clemson University is recognized as a Top 25 public university by U.S. News and World Report.

Qualifications

Qualified candidates should hold a Ph.D. in Meteorology, Climatology, or a relevant field. Preference will be given to candidates with evidence of collaborative research, excellent communication skills, and demonstrated success in obtaining external funding to support an ongoing research program.

How to Apply

To apply, enter '<http://apply.interfolio.com/61464>' into your search bar.

Applications for this position should include:(1) a letter of interest with applicant's contact information; (2) contact information for three references; (3) a one-page research philosophy and a one-page research plan; (4) an unofficial transcript from all degree- granting institutions (BS, MS, Ph.D.); and (5) a curriculum vitae

For full consideration, please ensure that all materials are submitted by April 1, 2020, however, the position will remain open until filled.

If you have any question regarding the position or search process, please contact Dr. Jeffery Allen at 864.646.2145 or jsallen@clemson.edu.

*Note: References will not be contacted until final stages of the interview process. Spousal/Partner hires are not available with this position. Clemson University Human Resources offers a program, TalentSource, for newly hired employee spouses and partners to connect with relevant job opportunities in the area.



CLEMSON BENEFITS AND RESOURCES

- Relocation Reimbursement Assistance
- Tuition Assistance Program
- Spousal Partner Career Assistance Program
- Health and Wellness Opportunities
- Work/Life Balance
- Employee Discount Program
- On-campus Childcare Facility (Coming 2020)
- Employee Assistance Program
- Adoption Assistance Program
- Benefits include Health, Dental, Vision, Life Insurance, Long-term Disability, as well as Leave Benefits and Retirement Options

For more information, visit:
<http://www.clemson.edu/employment/benefits/>



AWARDS AND RANKINGS

Clemson is well known both inside and outside the state of South Carolina. The two recent National Championship titles in college football (2016 & 2018) gave the University vast national exposure. The demand for enrollment remains high year after year. In 2016, Clemson received more than 23,500 applications, with an acceptance rate of 51 percent.

Additionally, the University was ranked by *U.S. News & World Report* in the top 25 of the nation's public universities for ten straight years. The University enjoys numerous other top rankings:

From *U.S. News & World Report*

- No. 23 National Public University
- No. 12 Most Innovative School among all National Public Universities
- No. 16 Best College for Veterans
- One of only 11 public universities recognized for excellence in undergraduate research and creative projects

From the *Princeton Review*

- No. 1 Best Career Services
- No. 2 Students Pack the Stadiums
- No. 6 Best Alumni Network
- No. 5 Town-Gown Relations

From *Money Magazine*

- No. 12 among Best Public Colleges

From *Kiplinger's Personal Finance*

- Named a Best Public College Value



ClemsonForward is a 10-year strategic plan grounded in Clemson's historic strengths but focused solidly on the future and the challenges facing South Carolina, the nation and the world in the 21st century. Its objectives are to:

- **Build on Clemson's strong foundation** in undergraduate education, commitment to the land-grant mission, unmatched student experience and well-known school spirit
- **Sustain hard-won recent gains** in quality, innovation, student performance and national stature through investments in foundational processes, policies and infrastructure
- **Accelerate growth and achievement** in research, graduate education, diversity, inclusive excellence and the quality of the workplace for faculty and staff

The plan aims to ensure that Clemson fulfills its core mission and consistently ranks among the nation's top public universities and Carnegie tier one research institutions. ClemsonForward is built on four major strategic priorities: Research, engagement, the academic core and the living environment.



ABOUT THE CITY OF CLEMSON

Clemson is a city of approximately 14,000 year-round residents that swells to 100,000 on home football games in the fall. Clemson is in Pickens County, South Carolina. The Clemson area, located on the northwest corner of the state in the foothills of the Blue Ridge Mountains, is on the shores of Hartwell Lake, a large man-made lake with great fishing, swimming, and boating. Clemson enjoys a moderate climate year round with average temperatures in January at 30°F to 50°F and in August of 69°F to 90°F.

The area was once home to John C. Calhoun (father-in-law to Thomas Green Clemson) and General Andrew Pickens. The Calhoun home, today called Fort Hill, still stands on the Clemson University campus. In 2016, the median household income was \$37,466 in Clemson and \$46,898 statewide.

The city of Clemson operates within the Clemson Police Department, Clemson University Fire Department and Pickens County EMS, for public safety needs. All departments are staffed 24-hours a day, seven days a week. The Clemson Area Transit offers free transportation (known as the CAT bus) to all riders. The city is also served by Amtrak on the Crescent route. The closest major airport is Greenville-Spartanburg International Airport (GSP), located a 45-minute drive away.

The school district for the city of Clemson is Pickens County School District. Children living in the city of Clemson attend Clemson Elementary School, RC Edwards Middle School, and D.W. Daniel High School. Clemson is served in the United States Senate by Lindsey Graham and Tim Scott, and in the House by Jeff Duncan. Residents also enjoy access to the Brooks Center for the Performing Arts, the 18-hole Walker Golf Course, the Cooper Library, the South Carolina Botanical Garden, and the Bob Campbell Geology Museum on the Clemson University campus. In addition, the University has 17 NCAA teams and numerous intramural and club sports.

Downtown Greenville, located approximately 30 minutes from Clemson, offers a thriving entertainment, dining, and cultural scene and is home to the Greenville Drive, a minor league baseball team affiliated with the Boston Red Sox. Both Atlanta, Georgia and Charlotte, North Carolina are within a two-hour drive from Clemson, while outdoors lovers can be in the mountains of North Carolina in an hour or enjoy hiking, fishing, camping and more at one of several South Carolina state parks within a 45-minute drive of Clemson.





Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972.